

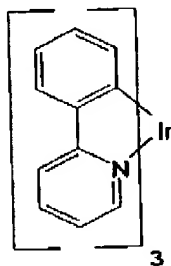
AMENDMENTS TO THE CLAIMS

1-91 (canceled).

92 (previously presented): An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer is located between the anode and the cathode and the emissive layer comprises a phosphorescent organometallic compound, wherein the phosphorescent organometallic compound is an iridium compound including a carbon-metal bond.

93 (original): The organic light emitting device of claim 92, wherein the iridium compound is a cyclometallated iridium compound.

94 (original): The organic light emitting device of claim 92, wherein the iridium compound is fac-tris(2-phenylpyridine) iridium, as denoted by the formula:



95-97 (canceled).

98 (previously presented): The organic light emitting device of claim 92, wherein the phosphorescent organometallic compound is a cyclometallated compound including a cycle closed with at least one metal-X bond, wherein X is selected from the group consisting of nitrogen, sulfur, phosphorous, arsenic and oxygen.

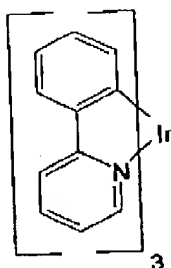
99 (canceled).

100 (original): An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer is located between the anode and the cathode, and the emissive layer comprises a host material and a phosphorescent organometallic compound present as a dopant in said host material, wherein the phosphorescent organometallic compound includes a carbon-metal bond.

101 (original): The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is an iridium compound.

102 (original): The organic light emitting device of claim 101, wherein the iridium compound is a cyclometallated iridium compound.

103 (original): The organic light emitting device of claim 101, wherein the iridium compound is fac-tris(2-phenylpyridine) iridium, as denoted by the formula:



104 (original): The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is an osmium compound.

105 (original): The organic light emitting device of claim 104, wherein the osmium compound is a cyclometallated osmium compound.

106 (original): The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is a platinum compound.

107 (previously presented): The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is a cyclometallated compound including a cycle closed with at least one metal-X bond, wherein X is selected from the group consisting of nitrogen, sulfur, phosphorous, arsenic and oxygen.

108 (original): The organic light emitting device of claim 107, wherein the

phosphorescent organometallic compound is a cyclometallated platinum compound.

109 (original): The organic light emitting device of claim 100, wherein the host material is a polymeric host material.

110 (original): The organic light emitting device of claim 109, wherein the polymeric host material is a polyvinylcarbazole.

111 (original): The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is substituted with an electron donor group.

112 (original): The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is substituted with an electron acceptor group.

113-134 (canceled).

135 (original): An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer is located between the anode and the cathode and the emissive layer comprises a phosphorescent organometallic compound, wherein the phosphorescent organometallic compound is a cyclometallated compound including a carbon-metal bond.

136 (original): The organic light emitting device of claim 135, wherein the cyclometallated compound is a platinum compound.

137 (original): The organic light emitting device of claim 135, wherein the cyclometallated compound further includes a cycle closed with at least one metal-X bond, wherein X is selected from the group consisting of nitrogen, sulfur, phosphorous, arsenic and oxygen.

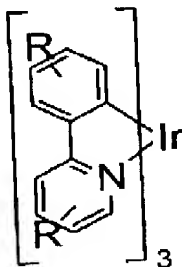
138 (original): The organic light emitting device of claim 137, wherein the cyclometallated compound is a platinum compound.

139 (original): The organic light emitting device of claim 137, wherein X is nitrogen.

140 (original): The organic light emitting device of claim 98, wherein X is nitrogen.

141 (original): The organic light emitting device of claim 107, wherein X is nitrogen.

142 (New): The organic light emitting device of claim 92, wherein the iridium compound is denoted by the formula:

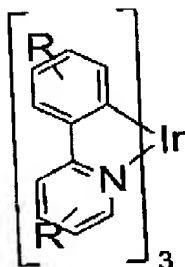


wherein R is an alkyl or aryl group.

143 (New): The organic light emitting device of claim 142 wherein the R group is an alkyl group.

144 (New): The organic light emitting device of claim 142, wherein the R group is an aryl group.

145. (New): The organic light emitting device of claim 101, wherein the iridium compound is denoted by the formula:



wherein R is an alkyl or aryl group.

146. (New) The organic light emitting device of claim 145, wherein the R group is an alkyl group.

147. (New) The organic light emitting device of claim 145, wherein the R group is an aryl group.